AMENDMENTS TO THE CLAIMS:

The following is a listing of claims in the application (none of which are herein amended):

1. (Previously Presented) A system for radio communication in the microwave range, comprising a transmitting device and a receiving device, said transmitting device comprising a transmitter, an antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, and said receiving device comprising a receiver, an antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, the system being characterized in that

the filters are arranged between the antenna and the transmitter, and the antenna and the receiver, respectively,

the filters have variable filter characteristics,

each of said devices for controlling the respective filters are responsive to control signals from an external source,

whereby the frequency range at which the respective device and thereby the whole system operates can be controlled during operation.

2. (Previously Presented) A system according to claim 1, in which the external source for control signals for the device for controlling the variable filter in the transmitting device is the device for controlling the variable filter in the receiving device and vice versa, whereby the two control devices are in communication with each other.

3 (Previously Presented) A system according to claim 1, in which the external source for control signals for the device for controlling the variable filer in the transmitting device and in the receiving device is a central control device.

4. (Previously Presented) A system according to claim 1, in which the variable filters in the transmitting device and in the receiving device are bandpass filters.

5. (Previously Presented) A system according to claim 1, in which the variable filters in the transmitting device and in the receiving device are notch filters.

6. (Previously Presented) A method for use in a system for radio communication in the microwave range, the system having a transmitting device and a receiving device, said transmitting device comprising a transmitter, an antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, and said receiving device comprising a receiver, an antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, the method being characterized in that

arranging the filters between the antenna and the transmitter, and the antenna and the receiver, respectively,

providing the filters with variable filter characteristics,

making each of said devices for controlling the respective filters responsive to control signals from an external source,

whereby the frequency range at which the respective device and thereby the whole system operates can be controlled during operation.

7. (Previously Presented) A method according to claim 6, in which the external source whose control signals the device for controlling the variable filter in the transmitting device is responsive to is the device for controlling the variable filter in the receiving device and vice versa, whereby the two control devices are in communication with each other.

8. (Previously Presented) A method according to claim 6, in which the external source whose control signals the device for controlling the variable filter in the transmitting device and in the receiving device are responsive to is a central control device.

9. (Previously Presented) A system for radio communication in the microwave range, comprising a transmitting device and a receiving device, said transmitting device comprising a transmitter, an antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, and said receiving device comprising a receiver, an

antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, the system being characterized in that

the filters are arranged between the antenna and the transmitter, and the antenna and the receiver, respectively,

the filters have variable filter characteristics,

wherein the device for controlling the filter of the transmitting device and the device for controlling the filter of the receiving device are in communication with each other whereby the device for controlling the filter of the transmitting device can signal to the device for controlling the filter for the receiving device, and the device for controlling the filter of the receiving device can signal to the device for controlling the filter for the transmitting device, a frequency at which the whole system is operate.

10. (Previously Presented) A system according to claim 9, in which the variable filters in the transmitting device and in the receiving device are bandpass filters.

11. (Previously Presented) A system according to claim 9, in which the variable filters in the transmitting device and in the receiving device are notch filters.

12. (Previously Presented) A method for use in a system for radio communication in the microwave range, the system having a transmitting device and a receiving device, said transmitting device comprising a transmitter, an antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, and said receiving device comprising a receiver, an antenna, a filter with variable filter characteristics, and a device for controlling the variable filter, the method being characterized in that

arranging the filters between the antenna and the transmitter, and the antenna and the receiver, respectively,

providing the filters with variable filter characteristics,

making each of said devices for controlling the respective filters responsive to one another, whereby controlling the frequency range of the respective devices and thereby the whole system.